

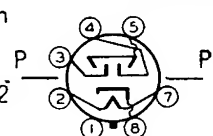


6AD6-G

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ELECTRON-RAY TUBE

TWIN INDICATOR TYPE

Heater	Coated Unipotential Cathode	
Voltage	6.3	a-c or d-c volts
Current	0.15	amp.
Maximum Overall Length	2-7/8"	
Maximum Seated Height	2-5/16"	
Maximum Diameter	1-5/16"	
Bulb	T-9	
Base	Intermediate Shell Octal 7-Pin	
Pin 1 - No Connection		Pin 4 - Ray-Control Electrode, Unit #1
Pin 2 - Heater		Pin 5 - Target
Pin 3 - Ray-Control Electrode, Unit #2		Pin 7 - Heater
		Pin 8 - Cathode

Mounting Position BOTTOM VIEW (G-7AG) Any^o

INDICATOR SERVICE

Target Voltage	150 max.	volts
Typical Operation:		
Target Voltage	100	150 volts
Target Current*†	1.5	3 ma.
Target Current**†	1.0	2 ma.
Target Current***†	0.8	1.2 ma.
Ray-Control Electrode Voltage*	45	75 approx. volts
Ray-Control Electrode Voltage**	0	8 approx. volts
Ray-Control Electrode Voltage***	-23	-50 approx. volts

■ In circuits where the cathode is not directly connected to the heater, the potential difference between heater and cathode should be kept as low as possible.

* For shadow angle of 0° produced by either ray-control electrode.

** For shadow angle of 90° produced by either ray-control electrode.

*** For shadow angle of 135° produced by either ray-control electrode.

† Subject to wide variation.

◇ The plane of the ray-control electrodes passes through the line PP on the socket connection diagram.

The circuit under Type 6AP6-G also applies to the 6AD6-G.

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RCA RADIOTRON DIVISION
RCA MANUFACTURING COMPANY, INC.

TENTATIVE DATA